



1916.

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TYNE PORT SANITARY AUTHORITY.

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ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH.

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# C O N T E N T S .

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	PAGE.
Infectious Diseases—(Hospital Admissions, &c.)                   ...                   ...                   ...                   ...	7
Vessels boarded by Medical Officer of Health   ...                   ...                   ...                   ...	8-35
General Sickness on board Vessels arriving in Tyne Ports                   ...                   ...                   ...	36-37
Arrivals from Infected or Suspected Ports                   ...                   ...                   ...                   ...	38
"                   "                   "                   Ports of Departure, and Nos. of Ships                   ...                   ...	39
Cases Reported during Voyage—or in Port—	
1. Smallpox or Suspected Smallpox                   ...                   ...                   ...                   ...	40
2. Scarlet Fever                   ...                   ...                   ...                   ...	40
3. Enteric (or Typhoid) Fever                   ...                   ...                   ...                   ...	40
4. Diphtheria   ...                   ...                   ...                   ...                   ...	41
5. Malarial Fever                   ...                   ...                   ...                   ...	41
6. Beri-Beri   ...                   ...                   ...                   ...                   ...	41
7. Dysentery   ...                   ...                   ...                   ...                   ...	42
8. Diarrhœa, Choleraic Diarrhœa and Suspicious Cases                   ...                   ...                   ...	42
9. Measles                   ...                   ...                   ...                   ...                   ...	43
Food Inspection and Emigrants                   ...                   ...                   ...                   ...	43-44
General Sanitary Work, Inspection of Vessels, Nationalities, &c.   ...                   ...                   ...	44-45
Sanitary Defects observed                   ...                   ...                   ...                   ...	45-46
Water Supply                   ...                   ...                   ...                   ...                   ...	46
Advices as to Sickness, Clothing and Bedding Disinfected, Passenger Steamers                   ...                   ...	46
Smoke Nuisance, Fishing Boats, Regulations, and Cholera and Plague                   ...                   ...                   ...	46
Launches and H.M. Customs                   ...                   ...                   ...                   ...	47





# Tyne Port Sanitary Authority.

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CONSTITUTED BY LOCAL GOVERNMENT BOARD'S ORDER, DATED 29TH MARCH, 1897.

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Elected by the Corporation of Newcastle.

ALDERMAN WILLIAM EDWARD KIRBY.  
ALDERMAN GEORGE CHRISTOPHER COATES (*Chairman*), J.P.  
ALDERMAN DR. ADAM WILSON, J.P.  
COUNCILLOR HENRY FORSTER, J.P.  
COUNCILLOR WILLIAM BRAMBLE, J.P.  
COUNCILLOR JOHN GRAHAM COLE.  
COUNCILLOR FRANCIS ELLIOTT WEIGHTMAN, J.P.  
COUNCILLOR WILLIAM ROBSON.

Elected by the Corporation of Gateshead.

ALDERMAN ALEXANDER GILLIES, J.P.  
ALDERMAN WILLIAM CLOUGH (*Vice-Chairman*), J.P.  
COUNCILLOR DR. F. S. LEECH.

Elected by the Corporation of South Shields.

ALDERMAN JOHN ROBERT LAWSON, J.P.  
ALDERMAN DR. ERNEST HENRY GIBBON, J.P.  
ALDERMAN JOHN TAYLOR, J.P.

Elected by the Corporation of Tynemouth.

COUNCILLOR JOHN FRATER.  
COUNCILLOR JOHN HEWITSON TEBB.

Elected by the Corporation of Jarrow.

ALDERMAN JAMES DUDFIELD ROSE, J.P.

Elected by the Corporation of Wallsend.

ALDERMAN JAMES GRAHAM MCILVENNA, J.P.  
COUNCILLOR JOHN SCORER.

Elected by the Felling Urban District Council.

COUNCILLOR PATRICK BENNETT.

Elected by the Hebburn Urban District Council.

COUNCILLOR BERNARD KELLY.

Elected by the Blaydon Urban District Council.

COUNCILLOR REVEREND ALFRED BARRETT TEBB, J.P.

Elected by the Newburn Urban District Council.

COUNCILLOR MATTHEW KIRTON.

Elected by the Whickham Urban District Council.

COUNCILLOR FRED BROWN.

---

## Officers :

Medical Officer of Health	...	...	WM. EDMUND HARKER, M.D., B.S., D.H.Y.
Clerk and Solicitor	...	...	R. SHERITON HOLMES.
Treasurer	...	...	THOMAS EDWARD HODGKIN.
Inspector of Nuisances	...	...	JOHN RUSSELL, Cert. Royal Sanitary Institute.
Assistant Inspectors	...	...	T. W. STURDY, Cert. Sanitary Institute ; J. W. DAVISON, Cert. Sanitary Institute (On Military Service since October, 1915) ; R. B. CLARK, Cert. Sanitary Institute ; and H. M. COATS.

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Offices: Caledonian Buildings, 145, Pilgrim Street, Newcastle-upon-Tyne.

Inspector's Offices: Tyne Port Sanitary Authority, Mill Dam, South Shields.

# Tyne Port Sanitary Authority.

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H.M.S. "SATELLITE,"

*October, 1917.*

MR. ALD. GEORGE CHRISTOPHER COATES,

CHAIRMAN OF THE TYNE PORT SANITARY AUTHORITY.

SIR,

I have the honour to present herewith my Annual Report for the year 1916.

The returns of the General Sanitary Work which is carried out by Inspector Russell and his two Assistants, shows that 11,119 vessels arrived in the Tyne Ports during the year ; a decrease of 375 ships as compared with 1915. Of these vessels 7,343 were inspected, and includes all the important arrivals from Foreign Ports.

There were no cases of Plague or Cholera during the year.

One case of Smallpox was promptly dealt with. The vessel was disinfected, and the remainder of the crew re-vaccinated. There was no extension of the disease.

I am, Sir,

Your obedient Servant,

W. EDMUND HARKER.



# TYNE PORT SANITARY AUTHORITY.

## Report of the Medical Officer of Health for the Year ended 31st December, 1916.

During 1916, 29 patients have been treated in the Floating Hospital. The subjoined Table gives particulars as to the cases and their issue:—

**TABLE 1.—Floating Hospital.**

Date of Admission.	Disease.	Cases Admitted.	Name of Vessel.	Where from.	Result.
<b>1916.</b>					
Jan. 19th ...	Scarlet Fever ...	1	s.s. " Rollesby " ...	Leith ...	Discharged Feb. 4, 1916
Feb. 14th ...	Suspected Typhoid Fever	1	s.s. " Karla " ...	Gandia, London	" " 16, "
" 20th ...	Enteric Fever ...	2	s.s. " Arno " ...	Lisbon ...	" Apr. 3, "
" 26th ...	Suspected Typhoid Fever	1	s.s. " Louisiana " ...	Copenhagen ...	" Mar. 13, "
Mar. 4th ...	Enteric Fever ...	1	s.s. " Nordcap " ...	Iquique ...	" Apr. 3, "
" 30th ...	Suspected Typhoid Fever	1	s.s. " Rakiura " ...	Korsoer ...	" " 10, "
Apr. 20th ...	Measles ...	1	s.s. " Dorte Jensen " ...	Havre ...	" May 2, "
May 5th ...	" ...	1	s.s. " Vega " ...	Bergen ...	" " 19, "
" 24th ...	Diphtheria ...	1	s.s. " Pytheas " ...	Hull ...	" June 3, "
June 1st ...	Measles ...	1	s.s. " Carolvore " ...	Glasgow ...	" " 21, "
Sep. 22nd ...	Enteric Fever ...	2	s.s. " Whateley Hall " ...	Port Briera ...	" Oct. 17, "
" 26th ...	Suspected Enteric Fever	1	s.s. " Fede " ...	Middlesboro' ...	" " 9, "
Oct. 21st ...	Diphtheria ...	1	s.s. " Amicitia " ...	Rouen ...	" Nov. 14, "
		15			
Jan. 29th ...	Measles ...	1	H.M.S. " Malaya " ...	Sea ...	" Feb. 23, "
" 31st ...	Scarlet Fever ...	1	H.M.S. " Birmingham " ...	" ...	" Mar. 16, "
Feb. 10th ...	Measles ...	1	H.M.S. " Malaya " ...	" ...	" " 4, "
Apr. 4th ...	" ...	1	H.M.S. " Vanguard " ...	" ...	" Apr. 26, "
" 25th ...	Mumps ...	1	H.M.S. " Australia " ...	" ...	" May 16, "
" 28th ...	" ...	1	" ...	" ...	" " 16, "
May 1st ...	" ...	1	" ...	" ...	" " 16, "
" 1st ...	" ...	1	" ...	" ...	" " 16, "
" 2nd ...	" ...	1	H.M.S. " Undaunted " ...	" ...	" " 4, "
June 14th ...	Rubella ...	1	H.M.S. " Marlborough " ...	" ...	" July 27, "
July 21st ...	" ...	1	" ...	" ...	" Aug. 11, "
" 25th ...	" ...	2	" ...	" ...	" " 11, "
Nov. 19th ...	Suspicious Rash...	1	H.M.S. " Bellerophon " ...	" ...	" Nov. 27, "
		14			

## Vessels boarded by the Medical Officer of Health.

330 vessels have been visited by Medical Officer of Health on account of reported or suspected sickness on board.

The following table gives the list of vessels boarded during 1916 by the Medical Officer of Health on account of disease on board during the voyage, or at the time of arrival in the Tyne:—

**TABLE II.**

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	REMARKS.
<b>1916.</b>					
Jan. 4	sail "Kentigern" ...	Norwegian	Christiania...	Blood Poisoning	One of the seamen was examined, and found to be suffering from blood poisoning.
„ 5	s.s. "Caithness" ...	British ..	Calais ...	Non-infectious ...	Four of the Asiatic seamen were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
„ 6	sail "Argo" ...	Norwegian	Arendal ...	Venereal ...	One of the seamen was examined, and found to be suffering from venereal.
„ 6	s.s. "San Isadora"	Spanish ...	Carthagena, London	Skin Disease ...	One of the seamen was examined, and found to be suffering from skin disease.
„ 6	s.s. "Kurland" ...	Belgian ...	London ...	Scabies ...	One of the seamen was examined, and found to be suffering from scabies. He was removed to the Union Hospital, South Shields, for treatment, and the crewspaces disinfected.
„ 6	s.s. "Gaasterland"	Dutch ...	Amsterdam	Feverish Cold ...	One of the firemen was examined, and found to be suffering from feverish cold.
„ 7	s.s. "Emil Stang"	Norwegian	Arendal ...	Venereal ...	Two of the seamen were examined, and found to be suffering from venereal.
„ 10	s.s. "Einar Jarl" ...	„	Norresundby	Non-infectious ...	Two of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
„ 11	s.s. "Serrana" ...	British ...	London ...	Lumbago ...	One of the seamen was examined, and found to be suffering from lumbago.
„ 11	s.s. "John Blumar"	Norwegian	Skein ...	Abscess ...	One of the seamen was examined, and found to be suffering from abscess.
„ 11	s.s. "Bakara" ...	British ...	Melbourne, Middlesbro'	Shingles ...	The electrician was examined, and found to be suffering from shingles.



TABLE II.—*Continued.*

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	REMARKS.
Jan. 13	s.s. "Cardiff" ...	British ...	Huelva ...	Venereal ...	The carpenter was examined, and found to be suffering from venereal.
.. 13	s.s. "Troja" ...	Norwegian	Norrkopping	Scabies ...	Two of the seamen were examined, and found to be suffering from scabies. Medical treatment recommended, and the crewspaces disinfected.
.. 13	s.s. "Heraclios" ...	Greek ...	London ...	Excessive Bleeding	One of the firemen was examined, and found to be suffering from excessive bleeding in nose. Medical treatment recommended.
.. 19	s.s. "Rollesby" ...	British ...	Leith ...	Scarlet Fever ...	Notification was received from Dr. Adams of North Shields of a boy suspicious of scarlet fever. The case was removed to the Floating Hospital for observation, and the vessel fumigated and disinfected.
.. 19	s.s. "Uller" ...	Norwegian	Rotterdam...	Non-infectious ...	Two of the crew were examined, and one found to be suffering from injured hand, the other from venereal.
.. 22	s.s. "Ino" ...	„	Bergen ...	Feverish Cold ...	Ten of the firemen were examined, and found to be suffering from feverish colds. Medical treatment recommended.
.. 24	s.s. "Eburna" ...	British ...	Hull ...	Syphilis ...	Two of the Asiatic firemen were examined, and found to be suffering from syphilis. They were sent to the Asiatic Home, London. for treatment.
.. 26	s.s. "Edna" ...	Danish ...	Methil ...	Venereal ...	One of the seamen was examined, and found to be suffering from venereal.
.. 26	s.s. "Torridge" ...	British ...	San Francisco Hull	Bronchitis, Venereal	Two of the crew were examined, and one found to be suffering from bronchitis, and the other from venereal.
.. 27	s.s. "Terje Viken" ...	Norwegian	Christiania...	Non-infectious ...	Four of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
.. 28	s.s. "Florida" ...	Danish ...	Copenhagen	Bronchitis ...	Two of the crew were examined, and found to be suffering from bronchitis.

TABLE II.—*Continued.*

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	REMARKS.
Jan. 28	s.s. "Herdebred" ...	Norwegian	Hartlepool...	Non-infectious ...	Four of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
„ 28	s.s. "Ivanhoe" ...	„	Valencia ...	Venereal, Gonorrhœa, Skin Disease	Four of the crew were examined, and two found suffering from venereal, and one from gonorrhœa, and one from skin disease. Medical treatment recommended.
„ 29	H.M.S. "Malaya" ...	British ...	In Tyne ...	Measles ...	Notification was received from the Staff Surgeon of a case of measles. He was removed to the Floating Hospital for treatment, and the vessel disinfected.
„ 31	s.s. "Carleton" ...	„	Dunkirk ...	Venereal ...	One of the seamen was examined, and found to be suffering from venereal. He was removed to the Union Hospital, South Shields, for treatment.
„ 31	s.s. "Tormod" ...	Norwegian	Christiania	Rheumatism,	One of the seamen was examined, and found to be suffering from rheumatism.
„ 31	s.s. "O.K. Knudsen"	„	Copenhagen	Orchitis Venereal. Feverish Cold	Four of the crew were examined. One found to be suffering from orchitis two from venereal, and one from feverish cold. Medical treatment recommended.
„ 31	H.M.S. "Birmingham"	British ...	In Tyne ...	Scarlet Fever ...	Notification was received from the Staff Surgeon of a case of scarlet fever. He was removed to the Floating Hospital for treatment, and the vessel disinfected.
„ 31	s.s. "Ragnar" ...	Danish ...	Galveston ...	Influenza ...	One of the firemen was examined, and found to be suffering from influenza. Medical treatment recommended.
Feb. 1	s.s. "Constantinos"	Greek ...	London ...	Non-infectious ...	Four of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
.. 2	s.s. "Spiral" ...	British ...	Blyth ...	Bronchitis ...	The cook was examined, and found to be suffering from bronchitis.
.. 2	s.s. "Baron Balfour"	„	Boulogne ...	Blood Poisoning	Two of the Asiatic seamen were examined, and found to be suffering from blood poisoning. Medical treatment recommended.



TABLE II.—*Continued.*

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	REMARKS.
Feb. 4	s.s. "Hestmanden"	Norwegian	Rouen ...	Sciatica ...	The mate was examined, and found to be suffering from sciatica. He was sent home for treatment.
.. 5	s.s. "Ester" ...	„	Rouen ...	Bronchitis, Venereal, Rheumatism	Three of the crew were examined. One was found to be suffering from bronchitis, one from rheumatism, and one from venereal.
.. 5	s.s. "Frisia" ...	Danish ...	Aalborg ...	Venereal ...	Two of the crew were examined, and found to be suffering from venereal.
.. 8	s.s. "Lejre" ...	„	Veille ...	Disordered Stomach	One of the crew was examined, and found to be suffering from disordered stomach.
.. 10	H.M.S. "Malaya" ...	British ...	Tyne ...	Measles ...	Notification was received from the Staff Surgeon of a case of measles. He was removed to the Floating Hospital for treatment, and the vessel disinfected.
.. 11	s.s. "Ibor" ...	Norwegian	Calais ...	Rheumatism ...	One of the firemen was examined, and found to be suffering from rheumatism.
.. 11	s.s. "Aladdin" ...	„ ...	Boulogne ...	Rheumatism ...	The Mess Room Steward was examined, and found to be suffering from rheumatism. He was sent home for treatment.
.. 12	s.s. "Goosebridge"	Swedish ...	Aarhus ...	Skin Disease ...	One of the firemen was examined, and found to be suffering from skin disease.
.. 12	s.s. "Kankakee" ...	British ...	Algiers ...	Diarrhoea, Venereal	Three of the crew were examined, and one found to be suffering from diarrhoea, and the other two from venereal.
.. 14	s.s. "Karla" ...	Danish ...	Gandia, London	Suspicious Illness	The 2nd mate was examined, and found to be suffering from a suspicious illness. He was removed to the Floating Hospital for observation. The case proved to be non-infectious.
.. 15	s.s. "Mons" ...	Norwegian	Christiania...	Bronchitis ...	The mess room steward was examined, and found to be suffering from bronchitis.
.. 17	s.s. "Marget" ...	„ ...	Rouen, Sunderland	Blood Poisoning	One of the firemen was examined, and found to be suffering from blood poisoning.



TABLE II.—Continued.

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	REMARKS.
Feb. 18	s.s. "Forto" ...	Norwegian	Rouen, Sunderland	Diarrhoea ...	One of the seamen was examined, and found to be suffering from diarrhoea.
" 20	s.s. "Arno" ...	Danish ...	Lisbon ...	Typhoid Fever ...	The Medical Officer of Health examined the crew of 26 hands, and found two of the seamen suffering from typhoid fever. They were removed to the Floating Hospital for treatment, and the water tanks emptied and cleansed, and the forecastles disinfected.
" 21	s.s. "Felix" ...	Norwegian	Dunkirk ...	Bronchitis ...	One of the seamen was examined, and found to be suffering from bronchitis.
" 21	s.s. "Skrim" ...	" ...	Rouen ...	Pleurisy ...	The chief officer was examined, and found to be suffering from pleurisy.
" 23	s.s. "Falkland" ...	Danish ...	Copenhagen	Non-infectious ...	Three of the crew were examined, and found to be suffering from non-infectious complaints.
" 24	s.s. "Louisania" ...	" ...	Copenhagen	Suspicious Illness	One of the seamen was examined, and found to be suffering from a suspicious illness. He was removed to the Floating Hospital for observation. The case proved non-infectious.
" 27	s.s. "Brattingsborg"	" ...	Copenhagen	Disordered Stomach	The mess room steward was examined, and found to be suffering from disordered stomach.
Mar. 2	s.s. "Norefos" ...	Norwegian	Göthenborg	Tonsilitis, Feverish Cold	Two of the crew were examined, and one found to be suffering from tonsilitis, the other from feverish cold.
" 3	s.s. "City of Lucknow"	British ...	Hull ...	Non-infectious ...	Two of the Asiatic seamen were examined, and found to be suffering from non-infectious complaints.
" 4	s.s. "Nancy" ...	Danish ...	Esbjerg ...	Accident ...	The mess room steward was examined and found to be suffering from injured foot.
" 4	s.s. "Nordcap" ...	—	—	Enteric Fever ...	Notification was received from Dr. Baker, North Shields, of a case of enteric fever on board the s.s. "Nordcap" at Whitehill Point. He was removed to the Floating Hospital, and the water tanks emptied and cleansed, and the crewspaces disinfected.

TABLE II.—*Continued.*

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	REMARKS.
Mar. 7	s.s. "Texas" ...	Danish ...	Copenhagen	Feverish Cold ...	Five of the firemen were examined, and found to be suffering from feverish colds. Medical treatment recommended.
" 8	s.s. "Ranella" ..	British ...	London ...	Paralysis, Beri-Beri	The master was examined, and found to be suffering from paralysis, also two of the Chinese seamen, who were found to be recovering from beriberi. Medical treatment recommended.
" 8	s.s. "Harold Klitgaard"	Danish ...	Aalborg ...	Septic Throat ...	The 2nd officer was examined, and found to be suffering from septic throat.
" 9	s.s. "Christian ix"	" ...	Copenhagen	Accident ...	The mess room steward was examined, and found to be suffering from accident.
" 9	s.s. "Carl Henckle"	Norwegian	Aarhuus ...	Accident ...	The carpenter was examined, and found to be suffering from accident.
" 13	s.s. "Panaghi Vagliano"	Greek ...	River Plate, Hull	Influenza ...	The 2nd engineer was examined, and found to be suffering from influenza.
" 13	s.s. "Kamfjord" ...	Norwegian	Dunkirk ...	Swollen Glands ...	The cook was examined, and found to be suffering from swollen glands.
" 15	s.s. "Grorud" ...	" ...	London ...	Mumps ...	One of the seamen was examined, and found to be suffering from mumps. Medical treatment recommended.
" 20	s.s. "Harold Klitgaard"	Danish ...	Aalborg ...	Intemperance ...	One of the firemen was examined, and found to be suffering from intemperance.
" 21	s.s. "Uncas" ...	British ...	Invergordon	Bronchitis ...	One of the quartermasters was examined, and found to be suffering from bronchitis.
" 22	s.s. "Facto" ...	Norwegian	Haugesund	Bronchitis ...	The master was examined, and found to be suffering from bronchitis.
" 22	sail "Bamle" ...	" ...	Gothenborg	Injuries to leg ...	One of the seamen was examined, and found to be suffering from injuries to the leg. He was removed to the Jubilee Hospital, North Shields, for treatment.
" 24	s.s. "Storaas" ...	" ...	Copenhagen	Feverish Cold ...	One of the firemen was examined, and found to be suffering from feverish cold.



TABLE II.—*Continued.*

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	REMARKS.
Mar. 24	s.s. "Angantyr" ...	Danish ...	Hull ...	Non-infectious ...	Three of the seamen were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
" 25	s.s. "Union" ...	Norwegian	Skein ...	Blood Poisoning	The 2nd officer was examined and found to be suffering from blood poisoning.
" 28	s.s. "Heros" ...	Swedish ...	Boulogne ...	Feverish Cold ...	Two of the seamen were examined, and found to be suffering from feverish cold. Medical treatment recommended.
" 30	s.s. "Rakura" ..	Norwegian	Korsoer ...	Pneumonia ...	One of the trimmers was examined, and found to be suffering from pneumonia. He was removed to the Floating Hospital for treatment.
" 31	s.s. "Bullmouth" ...	British ...	Invergordon	Non-infectious ...	Three of the Chinese crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
April 4	s.s. "Arla" ...	Swedish ...	Genoa ..	Accident, Inflammation of eye	Two of the crew were examined, and one found to be suffering from accident, and the other from inflammation of the eyes. Medical treatment recommended.
" 4	s.s. "Perm" ...	Danish ...	Lisbon, Dartmouth	Accident ...	One of the seamen was examined, and found to be suffering from accident.
" 4	H.M.S. "Vanguard"	British ...	Tyne ...	Measles ...	Notification was received from the Staff Surgeon of a case of measles on board. He was removed to the Floating Hospital for treatment, and the vessel disinfected.
" 10	s.s. "Tiber" ...	Danish ...	Lisbon ...	Feverish Cold ...	One of the seamen was examined, and found to be suffering from feverish cold.
" 11	s.s. "Sestao" ...	Spanish ...	Bilbao, Hartlepool	Bronchial Asthma	The donkeyman was examined, and found to be suffering from bronchial asthma.
" 11	s.s. "Glenshiel"	British ...	Aberdeen ...	Influenza ...	The 4th engineer was examined, and found to be suffering from influenza.
" 11	s.s. "Kurland"	Belgian ...	Bilbao ...	Scabies ...	One of the firemen was examined, and found to be suffering from scabies. He was removed to the Union Hospital, North Shields, for treatment, and his clothes and bedding steam disinfected.



TABLE II.—*Continued.*

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	REMARKS.
April 11	s.s. "Kalimba" ...	British ...	London ...	Influenza ...	The mess room steward was examined, and found to be suffering from influenza.
„ 12	s.s. "Antwerpen" ...	Danish ...	Aalborg ...	Feverish Cold ...	Two of the crew were examined, and found to be suffering from feverish cold. Medical treatment recommended.
„ 12	s.s. "Balto" ...	Norwegian	New York ...	Skin Disease ..	One of the crew was examined, and found to be suffering from skin disease.
„ 14	s.s. "Oscar Trapp" ...	„ ...	Elsinore ...	Feverish Cold ...	Two of the crew were examined, and found to be suffering from feverish cold. Medical treatment recommended.
„ 18	s.s. "Kilbergen" ...	Dutch ...	Leith ...	Lumbago, Feverish Cold	Two of the seamen were examined. One found to be suffering from lumbago, and the other from a feverish cold. Medical treatment recommended.
„ 18	s.s. "Sif" ...	Norwegian	Christiania	Venereal ...	Two of the firemen were examined, and found to be suffering from venereal. Medical treatment recommended.
„ 18	s.s. "Taurus" ...	„ ...	Middlesbro'	Accident ...	One of the firemen was examined, and found to be suffering from accident.
„ 19	s.s. "Nivarra" ...	„ ...	Middlesbro'	Non-infectious ..	Two of the crew were examined, and found to be suffering from non-infectious complaints.
„ 20	s.s. "Visna" ...	„ ...	Copenhagen	Nervous Debility	One of the firemen was examined, and found to be suffering from nervous debility. He was sent home for treatment.
„ 20	s.s. "Mineral" ...	„ ...	Middlesbro'	Venereal ...	The cook was examined, and found to be suffering from venereal.
„ 20	s.s. "Dorte Jensen" ...	Danish ...	—	Measles ...	Notification was received from Dr. O'Callaghan of South Shields, of a case of measles on board the s.s. "Dorte Jensen" in Tyne Dock. He was removed to the Floating Hospital for treatment, and the vessel disinfected.
„ 23	s.s. "Skanderborg" ...	„ ...	Copenhagen	Non-infectious ...	The 2nd officer was examined, and found to be suffering from a non-infectious complaint. Medical treatment recommended.

TABLE II.—*Continued.*

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	REMARKS.
April 25	H.M.S. "Australia "	British ...	Tyne ...	Mumps ...	Notification was received from the Staff-Surgeon of a case of mumps on board H.M.S. "Australia " at Pontoon Dock. He was removed to the Floating Hospital for treatment, and the vessel disinfected.
„ 25	s.s. "Perm "	... Danish ...	Copenhagen	Rheumatism ...	One of the firemen was examined, and found to be suffering from rheumatism. He was sent home for treatment.
„ 26	s.s. "Basis "	... Norwegian	New York	Influenza ...	The chief officer was examined, and found to be suffering from influenza.
„ 27	s.s. "Erviken "	... „ ...	Middlesbro'	Non-infectious ...	Five of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
„ 27	s.s. "Hird "	... „ ...	Rotterdam	Rheumatism ...	The chief engineer was examined, and found to be suffering from rheumatism.
„ 29	sail "Parnass "	... „ ...	Dartmouth	Venereal ...	One of the seamen was examined, and found to be suffering from venereal.
May 1	s.s. "Kai "	... Danish ...	Copenhagen	Rheumatism ...	One of the firemen was examined, and found to be suffering from rheumatism.
„ 1	sail "Vega "	... „ ...	Porsgrund ...	Scalds ...	One of the seamen was examined, and found to be suffering from scalds.
„ 3	s.s. "J. N. Madvig "	... „ ...	Marseilles ...	Non-infectious ...	Three of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
„ 3	s.s. "Pensylvania "	... „ ...	BuenosAyres, Santos	Skin Disease ...	The Medical Officer of Health examined the crew of 31 hands, and with the exception of the cook suffering from skin disease, were found all well.
„ 5	s.s. "Vega "	... Norwegian	Bergen ...	Measles ...	One of the cooks was examined, and found to be suffering from measles. He was removed to the Floating Hospital for treatment, and the vessel disinfected.



TABLE II.—*Continued.*

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	REMARKS.
May 6	s.s. "Barnton" ...	British ..	Bathurst <i>via</i> Dunkirk	Smallpox ...	The Medical Officer of Health examined the crew of 24 hands, and found one of the firemen ill, suffering from smallpox. He was removed to the Whiteleas Hospital, South Shields, for treatment. The crew of 24 hands were re-vaccinated, and the vessel taken to the Quarantine Buoys at Pelaw Main, and thoroughly disinfected. All the men's clothing and bedding were taken to the Steam Disinfector and disinfected. The names of all the crew were taken, and sent to the respective Medical Officers of Health, and the vessel visited daily during her stay in this Port, which she left on May 12th, and no further outbreak occurred.
„ 6	s.s. "Bras" ...	Norwegian	Queenboro'	Scabies ...	One of the seamen was examined, and found to be suffering from scabies. He was removed to the Union Hospital, North Shields, for treatment, and the crewspaces disinfected.
„ 7	s.s. "Tamplin" ...	British ...	Invergordon	Pneumonia ...	The steward was examined, and found to be suffering from pneumonia. Medical treatment recommended.
„ 8	s.s. "Loby Jensen"	Danish ...	Hull ...	Blood Poisoning	One of the firemen was examined, and found to be suffering from blood-poisoning.
„ 8	s.s. "Coniston Water"	British ...	Algiers ...	Venereal ...	One of the firemen was examined, and found to be suffering from venereal. He was removed to the Union Hospital, South Shields, for operation.
„ 10	sail "Nornen" ...	Norwegian	Fredrikstadt	Scabies ...	One of the seamen was examined, and found to be suffering from scabies. He was removed to the Union Hospital for treatment, and the crewspaces disinfected.
„ 11	s.s. "Sydland" ...	Swedish ...	Stockholm ...	Non-infectious ...	One of the firemen was examined, and found to be suffering from a non-infectious complaint.
„ 12	s.s. "Taarnholm"	Danish ...	Copenhagen	Feverish Cold ...	One of the firemen was examined, and found to be suffering from a feverish cold.



TABLE II.—*Continued.*

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	REMARKS.
May 12	sail "Gripen" ...	Norwegian	Christiania	Injured Blood Vessel, Rupture	Two of the crew were examined, and one found to be suffering from an injured blood vessel, the other from rupture. They were both sent home for treatment.
" 12	s.s. 'Jon Sigurdsson'	Danish ...	Bergen ...	Indigestion ...	The cook was examined and found to be suffering from indigestion.
" 13	s.s. "Herdebred" ...	Norwegian	Rouen ...	Non-infectious ...	Four of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
" 16	s.s. "Uno" ...	"	Calais ...	Non-infectious ...	The steward was examined, and found to be suffering from a non-infectious complaint.
" 22	s.s. 'Pembrokeshire'	British ...	Middlesbro'	Abscess ...	One of the Asiatic seamen was examined, and found to be suffering from abscess.
" 23	s s. "Glamorgan"...	" ...	Hull ...	Constipation, Accident	Two of the crew were examined, one found to be suffering from constipation, and the other from accident.
" 24	s.s. "Pytheas" ...	Norwegian	Hull ...	Diphtheria ...	One of the seamen was examined, and found to be suffering from diphtheria. He was removed to the Floating Hospital, and the vessel disinfected.
" 24	s.s. "Othon Stathatos"	Grecian ...	Hull ...	Non-infectious ...	One of the seamen was examined, and found to be suffering from a non-infectious complaint.
" 24	s.s. "Edam" ...	Norwegian	Bergen ...	Neuritis ...	The donkeyman was examined, and found to be suffering from neuritis.
" 25	s.s. "Hirdis" ...	" ...	Narvik ...	Neuritis, Syphilis	The master was examined, and found to be suffering from neuritis. Also one of the seamen, who was found to be suffering from syphilis. He was removed to Newcastle Infirmary for treatment.
" 25	s.s. "Kaja" ...	" ...	Rouen ...	Venereal ...	Two of the crew were examined, and found to be suffering from venereal. Medical treatment recommended.
" 25	s.s. "Finlandia" ...	Danish ...	Monaco ...	Non-infectious ...	Six of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.

TABLE II.—*Continued.*

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	REMARKS.
May 29	s.s. "Hovde" ...	Norwegian	Sunderland	Lumbago, Feverish Cold	Two of the seamen were examined, and one found to be suffering from lumbago, and the other from a feverish cold.
„ 29	s.s. "Moskov" ..	„ ...	Santos ...	Venereal ...	The Medical Officer of Health examined the crew of 30 hands, and with the exception of one fireman suffering from venereal, were found all well.
„ 30	s.s. "Fjelland" ...	„ ..	Honfleur ...	Rheumatism, Feverish Cold	Two of the firemen were examined, one found to be suffering from rheumatism, and the other from a feverish cold.
„ 30	s.s. "Olaf Kyrre" ...	„ ...	Copenhagen	Feverish Cold ...	The 2nd officer was examined, and found to be suffering from a feverish cold.
„ 31	s.s. "Lena" ...	„ ...	Dundee ...	Septic Throat ...	One of the firemen was examined, and found to be suffering from septic throat.
„ 31	s.s. "Asborg" ...	„ ...	Aalborg ...	Accident ...	One of the seamen was examined, and found to be suffering from accident.
June 1	s.s. "Carolvore" ...	„ ...	Glasgow ...	Measles ...	Notification was received from Dr. Baker, North Shields, of a case of measles. He was removed to the Floating Hospital for treatment, and the vessel disinfected.
„ 2	s.s. "Elder Branch" ..	British ..	Bombay, M'boro	Eczema ...	One of the seamen was examined, and found to be suffering from eczema.
„ 3	s.s. "Newa" ...	Danish ...	Copenhagen	Accident ...	One of the seamen was examined, and found to be suffering from accident.
„ 5	s.s. "Midsland" ...	Dutch ...	Rotterdam ...	Colic ...	The steward was examined, and found to be suffering from colic.
„ 7	s.s. "Foina" ...	Norwegian	Rouen ...	Rheumatism ...	One of the seamen was examined, and found to be suffering from rheumatism.
„ 7	s.s. "Selje" ...	„ ...	Calais ...	Non-infectious ...	Two of the seamen were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
„ 7	s.s. "Aristidis" ...	Grecian ...	Rotterdam ...	Feverish Cold .	One of the seamen was examined, and found to be suffering from feverish cold.
„ 10	s.s. "Smut" ...	Danish ...	Copenhagen	Septic Throat ..	One of the seamen was examined, and found to be suffering from septic throat.



TABLE II.—*Continued.*

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	REMARKS.
June 10	s.s. "Standard" ...	Norwegian	Rouen ...	Influenza ...	One of the firemen was examined, and found to be suffering from influenza.
,, 10	s.s. "Hafnia" ...	Danish ...	Copenhagen	Inflammation of eye	One of the seamen was examined, and found to be suffering from inflammation of the eye.
,, 11	s.s. "Oosterland" ...	Dutch ...	Rotterdam ...	Intemperance ...	One of the firemen was examined, and found to be suffering from intemperance.
,, 11	s.s. "Spank" ...	Norwegian	Calais ...	Feverish Cold ...	One of the firemen was examined, and found to be suffering from feverish cold.
,, 12	s.s. "Ethelaida" ...	Russian ...	Rotterdam ...	Accident ...	One of the seamen was examined, and found to be suffering from accident.
,, 14	H.M.S. 'Marlborough'	British ...	Tyne ...	Measles ...	Notification was received from the Fleet Surgeon of a case of measles on board. He was removed to the Floating Hospital for treatment, and the vessel disinfected.
,, 15	s.s. "Housatonic"	American	Algiers ...	Rheumatism, Venereal	Two of the crew were examined, and one found to be suffering from rheumatism, and the other from venereal. The latter was removed to the Union Hospital, South Shields, for operation.
,, 16	s.s. "Pontoppidan"	Danish ...	Elsinore ...	Accident ...	The cook was examined, and found to be suffering from accident.
,, 20	s.s. "Manningham"	Swedish ...	Göthenborg, Hull	Venereal ...	One of the seamen was examined, and found to be suffering from venereal. He was removed to the Jubilee Hospital, North Shields, for operation.
,, 20	s.s. "Atle Jarl" ...	Norwegian	Bergen ...	Epileptic Fits ...	The boatswain was examined, and found to be suffering from epileptic fits.
,, 23	s.s. "Caithness" ...	British ...	Bombay, Middlesbro'	Non-infectious ...	Three of the Asiatic seamen were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
,, 26	s.s. "Selje" ...	Norwegian	Calais ...	Venereal ...	One of the seamen was examined, and found to be suffering from venereal. He was sent home for treatment.



TABLE II.—*Continued.*

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	REMARKS.
June 27	s.s. "Alexander Shukoff"	Danish ...	Dunkirk ...	Shingles ...	One of the firemen was examined, and found to be suffering from shingles. Medical treatment recommended.
„ 28	s.s. "Orm Jarl" ...	Norwegian	Archangel ...	Influenza ..	One of the seamen was examined, and found to be suffering from influenza.
„ 28	s.s. "Vilja" ...	„ ...	Rouen ...	Syphilis ...	One of the firemen was examined, and found to be suffering from syphilis. He was sent home for treatment.
„ 28	s.s. "Ring" ...	„ ...	Cherbourg ...	Venereal ..	One of the firemen was examined, and found to be suffering from venereal.
„ 28	ssii "Cottica" ...	„	Porsgrund ...	Retention of Urine	One of the seamen was examined, and found to be suffering from retention of urine.
„ 29	s.s. "Solborg" ...	„ ...	Christiania...	Influenza ...	The cook was examined, and found to be suffering from influenza.
„ 30	sail "Gerda" ...	Danish ...	Fredrikstadt	Scabies .	The 3rd officer was examined, and found to be suffering from scabies. Medical treatment recommended, and the vessel's crewspaces disinfected.
July 1	s.s. "Sphynx" ...	Norwegian	Rouen ...	Syphilis ...	One of the firemen was examined, and found to be suffering from syphilis. He was sent home for treatment.
„ 3	s.s. "Munin" ...	„ ...	Christiania...	Venereal ...	The cook was examined, and found to be suffering from venereal.
„ 3	s.s. "Borgholm" ..	„ ...	Rouen ...	Rheumatism, Venereal	Two of the seamen were examined, and one found to be suffering from rheumatism, and the other from venereal. The latter was sent to Newcastle Infirmary for operation.
„ 4	s.s. "Askeland" ...	„ ...	Kolding ...	Syphilis, Non-infectious	Three of the crew were examined, and one found to be suffering from syphilis, and the other two from non-infectious complaints. Medical treatment recommended.
„ 5	s.s. "Kronprins Olaf"	„ ...	Rouen ...	Scabies ...	One of the seamen was examined, and found to be suffering from scabies. Medical treatment recommended, and the crewspaces disinfected.

TABLE II.—*Continued.*

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	REMARKS.
July 8	s.s. "Ambria" ...	Italian ...	Porto Vecchia	Bronchitis, Venereal	Two of the crew were examined, and one found to be suffering from bronchitis, and the other from venereal. The latter was removed to the Union Hospital, South Shields for operation.
" 8	s.s. "Valle" ...	Spanish ...	Bilbao ...	Feverish Cold ...	The 2nd mate was examined, and found to be suffering from feverish cold.
" 8	s.s. "Cabo Espartel"	Norwegian	Dieppe ...	Non-infectious ...	One of the firemen was examined, and found to be suffering from a non-infectious complaint.
" 9	s.s. "Egda" ...	Norwegian	Copenhagen	Accident ...	The 3rd engineer was examined, and found to be suffering from accident. He was removed to Newcastle Infirmary for treatment.
" 11	s.s. "Zelos" ...	Swedish ...	London ...	Scabies ...	One of the seamen was examined, and found to be suffering from scabies. Medical treatment recommended, and the crewspaces disinfected.
" 12	s.s. "Dronning Maud"	Norwegian	Göthenborg	Venereal... ...	One of the seamen was examined, and found to be suffering from venereal.
" 13	s.s. "Tuscar" ...	Russian ...	Burntisland	Skin Disease ...	Three of the crew were examined, and found to be suffering from skin disease.
" 13	s.s. "Mode" ...	Swedish ...	Rouen ...	Non-infectious ...	One of the firemen was examined, and found to be suffering from a non-infectious complaint.
" 17	s.s. "Russia" ...	Danish ...	Civita Vecchia	Venereal, Lumbago, Scabies	Three of the crew were examined, and one found to be suffering from venereal, one from lumbago, and one from scabies. Medical treatment recommended, and the crewspaces disinfected.
" 17	s.s. "Ivanhoe" ...	Norwegian	Rouen ...	Cardiac Asthma	The donkeyman was examined, and found to be suffering from cardiac asthma.
" 17	sail "Emil" ...	Swedish ...	Uddevalla ...	Syphilis	The steward was examined, and found to be suffering from syphilis. He was removed to the Union Hospital, South Shields, for treatment.
" 18	s.s. "Daisy" ...	Danish ...	Leith ...	Blood Poisoning	One of the firemen was examined, and found to be suffering from blood poisoning.



TABLE II.—*Continued.*

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	REMARKS.
July 20	s.s. "Colaba" ...	British ...	Port Said ...	Non-infectious ...	The Medical Officer of Health examined the crew of 40 hands, and found 16 of them to be suffering from non-infectious complaints. They were sent home for treatment.
.. 20	s.s. "Lydia" ...	Norwegian	Umea ...	Abscess ...	One of the firemen was examined, and found to be suffering from abscess. He was removed to the Jubilee Hospital, North Shields, for operation.
.. 21	H.M.S. 'Marlborough'	British ...	Tyne ...	Measles ...	Notification was received from the Fleet Surgeon of a case of measles on board. He was removed to the Floating Hospital for treatment, and the crewspaces disinfected.
.. 21	s.s. "Helga" ...	Danish ...	Leith ...	Non-infectious .	Four of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
.. 22	sail "Regina" ...	Norwegian	Fredrikshald	Septic Mouth ...	One of the seamen was examined and found to be suffering from septic mouth.
.. 22	s.s. "Aasta" ...	Norwegian	Rouen ...	Non-infectious ...	Two of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
.. 25	H.M.S. 'Marlborough'	British ...	Tyne ...	Measles ...	Notification was received from the Fleet Surgeon of two cases of measles on board. They were removed to the Floating Hospital for treatment, and the crewspaces disinfected.
.. 27	s.s. "Percepolis" ...	Italian ...	Naples ...	Rheumatism ...	One of the firemen was examined, and found to be suffering from rheumatism.
.. 28	s.s. "Skjold" ...	Danish ...	London ...	Nettle Rash ..	One of the firemen was examined, and found to be suffering from nettle rash.
.. 28	s.s. "Sphynx" ...	Swedish ...	Rouen ...	Syphilis ...	One of the firemen was examined, and found to be suffering from syphilis. He was sent home for treatment.
.. 29	s.s. "Sommerstad" ...	Norwegian	Rotterdam...	Accident ...	One of the trimmers was examined, and found to be suffering from accident.

TABLE II.—Continued.

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	REMARKS.
July 29	s.s. "Hafnia" ...	Danish ...	Civita Vecchia	Rheumatism ...	One of the firemen was examined, and found to be suffering from rheumatism.
„ 31	s.s. "Bard" ...	Norwegian	Halmstadt...	Blood Poisoning	One of the seamen was examined, and found to be suffering from blood poisoning.
Aug. 1	barque "Graciosa"	Italian ...	Burntisland	Non-infectious ...	Six of the seamen were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
„ 1	s.s. "Mineral" ...	Norwegian	Hull ..	Septic Throat ...	One of the firemen was examined, and found to be suffering from septic throat.
„ 2	s.s. "Erviken" ...	Norwegian	Rouen ...	Non-infectious ...	Four of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
„ 2	s.s. "Mina Brea"...	British ...	Scalpa Flow	Malarial Fever ..	One of the firemen was examined, and found to be recovering from malaria fever.
„ 3	s.s. "Rakiura" ...	Danish ...	Copenhagen	Feverish Cold ...	One of the seamen was examined, and found to be suffering from feverish cold.
„ 3	s.s. "Annahoe" ...	Norwegian	Rouen ...	Venereal, Syphilis	Two of the firemen were examined, and one found to be suffering from venereal, and the other from syphilis. The latter was sent home for treatment.
„ 3	s.s. "Tom 1." ...	Norwegian	Bona ...	Syphilis ...	One of the firemen was examined, and found to be suffering from syphilis. He was sent home for treatment.
„ 4	s.s. "Wegadesk" ...	Danish ...	Civita Vecchia	Constipation ...	One of the seamen was examined, and found to be suffering from constipation. Medical treatment recommended.
„ 6	s.s. "Vibrass" ...	Norwegian	Rouen ...	Venereal ...	One of the firemen was examined, and found to be suffering from venereal.
„ 6	s.s. "Algarve" ...	Danish ...	Lisbon ...	Colic ...	One of the firemen was examined, and found to be suffering from colic.
„ 8	s.s. "Storaker" ...	Norwegian	Malmo ...	Scabies ...	One of the firemen was examined, and found to be suffering from scabies. Medical treatment recommended, and the crewspaces disinfected.



TABLE II.—*Continued.*

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	REMARKS.
Aug. 8	sail "Gosta" ...	Swedish ...	Havre ...	Scabies ...	One of the seamen was examined, and found to be suffering from scabies. Medical treatment recommended, and the crewspaces disinfected.
" 8	s.s. "Louisania" ...	Danish ...	Fredrikstadt	Lumbago ...	One of the firemen was examined, and found to be suffering from lumbago.
" 8	s.s. "Tor" ...	Norwegian	London ...	Feverish Cold ...	One of the seamen was examined, and found to be suffering from feverish cold.
" 9	s.s. "Venus" ...	Norwegian	Seaham ...	Retention of Urine	One of the firemen was examined, and found to be suffering from retention of urine. He was removed to the Jubilee Hospital, North Shields, for treatment.
" 11	s.s. "Gudbrand" ...	Norwegian	Rouen ...	Non-infectious ...	Two of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
" 12	s.s. "Romny" ...	Danish ...	Lisbon ...	Rhematism ...	One of the firemen was examined, and found to be suffering from rheumatism.
" 14	s.s. "Hero" ...	Norwegian	Rouen ...	Diarrhoea ...	The chief engineer was examined, and found to be suffering from diarrhoea.
" 16	s.s. "Russia" ...	Danish ...	Rouen ..	Non-infectious ...	Two of the seamen were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
" 16	s.s. "Atlas" ...	Norwegian	Nantes ...	Disordered Stomach	One of the seamen was examined, and found to be suffering from a disordered stomach.
" 17	s.s. "Ribe" ...	Danish ...	Leith ...	Non-infectious ...	The carpenter was examined, and found to be suffering from a non-infectious complaint.
" 25	s.s. "Havna" ...	Norwegian	Rouen ...	Scabies ...	Two of the crew were examined, and found to be suffering from scabies. Medical treatment recommended, and the crewspaces disinfected.
" 26	s.s. "Brynhild" ...	Danish ...	Tunis ...	Blood Poisoning	The 3rd engineer was examined, and found to be suffering from blood poisoning. He was removed to the Jubilee Hospital, North Shields, for operation.

TABLE II.—*Continued.*

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	REMARKS.
Aug. 28	s.s. "Newa"	... Danish ...	Copenhagen	Appendicitis	The boatswain was examined, and found to be suffering from appendicitis. He was removed to the Jubilee Hospital for operation.
„ 28	s.s. "Modig"	... Norwegian	Rouen ...	Non-infectious ...	Three of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
„ 28	s.s. "Dafni"	... Greek ...	Rouen ...	Scabies ...	One of the firemen was examined, and found to be suffering from scabies. He was removed to the Union Hospital, South Shields, for treatment, and the crewspaces disinfected.
„ 29	s.s. "Galatea"	... Norwegian	Rouen ..	Non-infectious ...	Three of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
„ 30	s.s. "Annahoe"	... Norwegian	Rouen ...	Non-infectious ...	Three of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
Sept. 4	s.s. "Basis"	... Norwegian	Porto Ferraio	Non-infectious ...	Three of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
„ 4	s.s. "Lizzie"	... Swedish ...	Copenhagen	Syphilis ...	The cook was examined, and found to be suffering from syphilis. He was sent home for treatment.
„ 5	s.s. "Bravore"	... Norwegian	London ...	Venereal ...	Four of the crew were examined, and found to be suffering from venereal. Two of them were removed to the Union Hospital, South Shields, for operation.
„ 6	s.s. "Alexandra"	... Danish ...	Christiania...	Venereal ...	Two of the seamen were examined, and found to be suffering from venereal.
„ 7	s.s. "Rondane"	... Norwegian	Rouen ...	Disordered Stomach	Two of the crew were examined, and found to be suffering from disordered stomach.
„ 7	s.s. "Ragnar"	... Danish ...	Hull ...	Non-infectious .	Four of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
„ 8	H.M.S. 'Bonaventure'	British ...	Tyne ...	Rubella ...	Notification was received of a case of rubella. He was removed to the Deans Hospital, South Shields, for treatment.



TABLE II.—Continued.

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sicknes.	REMARKS.
Sept. 13.	s.s. "Bard" ...	Norwegian	Caen ...	Quinsy ...	One of the seamen was examined, and found to be suffering from quinsy. He was removed to the Jubilee Hospital, North Shields, for treatment.
,, 13	s.s. "Lexa Maersk" ...	Danish ...	Rotterdam ...	Non-infectious ...	Two of the seamen were examined, and found to be suffering from non-infectious complaints.
,, 14	s.s. "Adolph Andersen" ...	,, ...	Havre ...	Debility ...	One of the passengers was examined, and found to be suffering from debility.
,, 16	s.s. "Finn" ...	Swedish ...	Savonia ...	Venereal ...	One of the seamen was examined, and found to be suffering from venereal.
,, 16	s.s. "Ethelaida" ...	Russian ...	Archangel ...	Disordered Stomach, Abscess	Two of the firemen were examined, and one found to be suffering from a disordered stomach, and the other from abscess in the knee. The latter was removed to the Ingham Infirmary for operation.
,, 19	s.s. "Ambria" ...	Italian ...	Genoa ...	Accident ...	Two of the crew were examined, and found to be suffering from accidents. Medical treatment recommended.
,, 20	s.s. "Mirjam" ...	Norwegian	La Pallice ...	Non-infectious ...	Three of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
,, 20	s.s. "Percepolis" ...	Italian ...	Naples ...	Accident ...	One of the firemen was examined, and found to be suffering from accident.
,, 22	s.s. "Modum" ...	Norwegian	Dunkirk ...	Appendicitis ...	One of the seamen was examined, and found to be suffering from appendicitis. He was removed to the Jubilee Hospital, North Shields, for operation.
,, 22	s.s. "Ring" ...	,, ...	Havre ...	Skin Disease ...	One of the seamen was examined, and found to be suffering from skin disease. He was removed to the Union Hospital, North Shields, for treatment.
,, 22	s.s. "Whateley Hall" ...	British ...	Port Brieria	Suspected Enteric Fever	Two of the firemen were examined, and found to be suffering from suspected enteric fever. They were removed to the Floating Hospital for treatment and the crewspaces fumigated and water tanks emptied and cleansed.

TABLE II.—*Continued.*

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	REMARKS.
Sept. 23	s.s. "Tungus" ...	Norwegian	Rouen ...	Heart Disease ...	The steward was examined, and found to be suffering from heart disease. He was sent home for treatment.
,, 23	s.s. "Sunniva" ...	,, ...	Rouen ...	Gonorrhoea ...	One of the seamen was examined, and found to be suffering from gonorrhoea. He was removed to the Union Workhouse, Gateshead, for treatment.
,, 26	s.s. "Fede" ...	Italian ...	Middlesbro'	Suspicious Enteric Fever, Venereal	Two of the firemen were examined, and one found to be suffering from suspicious enteric fever. He was removed to the Floating Hospital for treatment, and the water tanks emptied and cleansed, and crewspaces disinfected. The other was removed to the Union Hospital, Gateshead, for operation, suffering from venereal.
,, 27	s.s. "Bor" ...	Norwegian	London ...	Scabies ...	One of the seamen was examined, and found to be suffering from scabies. Medical treatment recommended and the crewspaces disinfected.
,, 29	s.s. "Florida" ...	Danish ...	Fredrikstadt	Non-infectious ...	The 3rd engineer was examined, and found to be suffering from a non-infectious complaint.
,, 30	s.s. "Severini"	Norwegian	Bilbao ..	Scalds ...	The chief officer was examined, and found to be suffering from scalds. Medical treatment recommended.
Oct. 1	s.s. "Nordal" ...	,, ...	Rotterdam...	Nervous Debility	The captain was examined, and found to be suffering from nervous debility.
,, 2	s.s. "Bjarmia" ...	Russian ...	Rouen ...	Syphilis ...	The donkeyman and boatswain were examined, and found to be suffering from syphilis. They were removed to the Union Hospital South Shields, for treatment.
,, 3	s.s. "Antwerpen"	Danish ..	Lisbon ...	Constipation, Venereal	Two of the crew were examined, and one found to be suffering from constipation, and the other from venereal.
,, 3	s.s. "Thoger" ...	Norwegian	Rouen ...	Scabies ...	The 2nd engineer was examined, and found to be suffering from scabies. Medical treatment recommended, and the berth disinfected.
,, 4	s.s. "Nedenes" ..	,, ...	Rouen ...	Ulcers ...	The steward was examined and found to be suffering from ulcers.



TABLE II.—*Continued.*

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	REMARKS.
Oct. 9	s.s. "Romny" ...	Danish ...	Lisbon ...	Swollen Gland ...	One of the firemen was examined, and found to be suffering from swollen gland.
„ 9	s.s. "Ellida" ...	Norwegian	Rouen ...	Accident	Two of the firemen were examined, and found to be suffering from accident.
„ 9	sail "Otto" ...	Danish ...	Langesund...	Non-infectious ..	The captain and one of the seamen were examined, and found to be suffering from non-infectious complaints.
„ 10	s.s. "St. Sunniva" ...	Norwegian	Middlesboro'	Dysentery ...	One of the firemen was examined, and found to be suffering from dysentery.
„ 12	s.s. "Bestik" ...	„ ...	Rotterdam ..	Non-infectious ...	Two of the seamen were examined and found to be suffering from non-infectious complaints.
„ 12	s.s. "Erviken" ...	„ ...	New York, Rotterdam	Boils, Venereal ...	Three of the crew were examined: one found to be suffering from boils, and the other two from venereal. Medical treatment recommended.
„ 12	s.s. "Ellida" ...	„ ...	Rouen ...	Non-infectious ...	Two of the seamen were examined, and found to be suffering from non-infectious complaints.
„ 14	s.s. "Havna" ...	„ ...	Rouen ...	Urticaria ...	The master was examined, and found to be suffering from urticaria.
„ 14	s.s. "Brattingsborg"	Danish ...	Rotterdam...	Non-infectious ..	Three of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
„ 14	s.s. "Helga" ...	Norwegian	Copenhagen	Influenza ...	The chief officer was examined, and found to be suffering from influenza.
„ 15	s.s. "Jemtland" ...	Swedish ...	Middlesbro'	Disordered Stomach	The master was examined, and found to be suffering from a disordered stomach.
„ 16	s.s. "Forfar" ...	British ...	Hull ...	Non-infectious .	Three of the Lascar seamen were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
„ 16	s.s. "Holt" ...	Norwegian	Christiania...	Non-infectious ...	One of the seamen was examined, and found to be suffering from a non-infectious complaint.
„ 16	s.s. "Sigrun" ...	Danish ...	Rouen ...	Venereal ...	Two of the seamen were examined, and found to be suffering from venereal.

TABLE II.—*Continued.*

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	REMARKS.
Oct. 17	s.s. "Sneppigen" ...	Norwegian	Algiers ...	Intemperance ...	The master was examined, and found to be suffering from intemperance.
„ 18	s.s. "Kasan" ...	Danish ...	Copenhagen	Lumbago ...	One of the seamen was examined, and found to be suffering from lumbago.
„ 18	s.s. "Clan Mc.Neil"	British ...	Sagunta ...	Non-Infectious ...	Three of the Asiatic seamen were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
„ 19	s.s. "Algarve" ...	Danish ...	Lisbon ...	Venereal ...	The cook was examined, and found to be suffering from venereal.
„ 21	s.s. "Despino G. Michalinos"	Greek ...	Rotterdam ...	Disordered Stomach	The chief officer was examined, and found to be suffering from a disordered stomach.
„ 21	s.s. "Amicitia" ...	Norwegian	Rouen ...	Diphtheria ...	Notification was received from Dr. Turner, of Tyne Dock, of a case of suspected diphtheria on board. He was removed to the Floating Hospital for treatment, and the crewspaces disinfected.
„ 23	s.s. "Nordland" ...	Swedish ...	Middlesbro'	Piles ...	The 2nd engineer was examined, and found to be suffering from piles. He was removed to the Jubilee Hospital, North Shields, for operation.
„ 24	s.s. "Antwerpen" ...	Danish ...	Copenhagen	Nervous Debility	One of the firemen was examined, and found to be suffering from nervous debility. He was sent back home for treatment.
„ 25	s.s. "Bonna" ...	Norwegian	Gothenborg	Septic Mouth ...	One of the firemen was examined, and found to be suffering from septic mouth.
„ 25	s.s. "Reime" ...	„ ...	Bilbao ...	Venereal ...	Three of the crew were examined, and found to be suffering from venereal. Medical treatment recommended.
„ 27	s.s. "Hebe" ...	Dutch ...	Amsterdam	Venereal ...	The chief engineer was examined, and found to be suffering from venereal.
„ 27	s.s. "Camilla" ...	Norwegian	Rotterdam...	Accident ...	One of the seamen was examined, and found to be suffering from accident.
„ 27	sail 'G. V. Petersen'	Danish ...	Drammen ...	Stone in Bladder	The cook was examined, and found to be suffering from stone in the bladder. He was removed to the Jubilee Hospital, North Shields, for operation.



TABLE II.—Continued.

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	REMARKS.
Oct. 28	s.s. "Standard" ...	Norwegian	Rouen ...	Death ...	The Medical Officer of Health examined the dead body of one of the seamen who had died on the passage to the Tyne.
,, 30	s.s. "Inneroy" ...	,, ...	Rouen ..	Internal Complaint	The steward was examined, and found to be suffering from some internal complaint. He was removed to the Jubilee Hospital, North Shields, for treatment.
,, 30	s.s. "Torwald" ...	,, ...	Neder Kalix	Influenza ...	One of the seamen was examined, and found to be suffering from influenza.
Nov. 4	s.s. "Lennart" ...	Swedish ...	London ...	Influenza ...	The cook was examined, and found to be suffering from influenza. He was sent home for treatment.
,, 7	s.s. "Belgien" ...	Danish ...	Odense ...	Accident ...	One of the seamen was examined, and found to be suffering from accident. He was removed to the Union Hospital, South Shields, for treatment.
,, 7	s.s. "Alkimi" ...	Greek ...	Savona ...	Appendicitis ...	One of the seamen was examined, and found to be suffering from appendicitis. He was removed to the Ingham Infirmary, South Shields, for operation.
,, 7	s.s. "Sommerstad" ...	Norwegian	Rotterdam...	Venereal ...	One of the seamen was examined, and found to be suffering from venereal.
,, 8	s.s. "Lousiania" ...	Danish ...	Sundsvall ...	Ulcerated Throat	The 3rd mate was examined, and found to be suffering from ulcerated throat.
,, 8	s.s. "P. D. Rakatos" ...	Greek ...	Leith ...	Accident ...	The cook was examined, and found to be suffering from accident.
,, 9	s.s. "Elna" ...	Danish ...	,,	Non-infectious ...	Three of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
,, 11	s.s. "Standford" ...	Norwegian	Rouen ...	Gall Stones ...	The steward was examined, and found to be suffering from gallstones.
,, 14	s.s. "Rhenania" ...	Italian ...	Genoa ...	Feverish Cold ...	One of the seamen was examined, and found to be suffering from a feverish cold.
,, 14	s.s. "Idahoe" ...	Norwegian	Rotterdam...	Skin Disease ...	The 2nd mate was examined, and found to be suffering from skin disease.
,, 14	s.s. "Rikard Nordraak" ...	,, ...	Rouen ...	Influenza ...	The 2nd mate was examined and found to be suffering from influenza.

TABLE II.—*Continued.*

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	REMARKS.
Nov. 14	s.s. "Taurus" ...	Norwegian	Middlesbro'	Venereal... ..	One of the seamen was examined, and found to be suffering from venereal.
,, 16	s.s. "Neuva Montana" ...	Spanish ...	Bilbao ...	Burns ... ..	One of the seamen was examined, and found to be suffering from burns.
,, 19	sail "Willi" ...	Danish ...	Halmstadt...	Abscess ... ..	The master was examined and found to be suffering from abscess.
,, 19	H.M.S. 'Bellerophon'	British ...	Tyne ...	Suspicious Rash	Notification was received from the Staff Surgeon of a case of suspicious rash. He was removed to the Floating Hospital for observation, and the vessel disinfected. The case proved non-infectious, and he was sent back to his ship.
,, 20	s.s. "Wilton" ...	Swedish ...	Karlsham ...	Non-infectious ...	The 2nd mate was examined, and found to be suffering from a non-infectious complaint.
,, 22	s.s. "Highcliffe" ...	British ...	Karrachi ...	Infected Port ...	The Medical Officer of Health examined the crew of 31 hands, and found them all well. The usual precautions were taken to prevent rats leaving or boarding the vessel during her discharging at the wharf. All the holds and crews-paces were disinfected with sulphur dioxide and no rats found.
,, 23	s.s. "Eidvaag" ...	Norwegian	Skein ...	Appendicitis	The 2nd mate was examined, and found to be suffering from appendicitis. Medical treatment recommended.
,, 23	s.s. "Modiva" ...	,, ...	Rouen ...	Skin Disease Gonorrhœa Ear complaint	Three of the crew were examined, one found to be suffering from skin disease, one from gonorrhœa, and the other from an ear complaint. Medical treatment recommended.
,, 23	s.s. "Ren" ...	,, ...	,,	Gonorrhœa ...	One of the seamen was examined, and found to be suffering from gonorrhœa. He was removed to the Union Hospital, South Shields, for treatment.
,, 25	s.s. "Waltham" ...	British ...	Archangel ..	Non-Infectious ...	Three of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
,, 26	s.s. "Eden" ...	Norwegian	La Rochelle	Accident... ..	One of the seamen was examined, and found to be suffering from accident.



TABLE II.—*Continued.*

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	REMARKS.
Nov. 27	s.s. "Sigrun" ...	Danish ...	Tunis ...	Venereal ...	One of the firemen was examined, and found to be suffering from venereal.
,, 28	s.s. "Gefle" ...	Swedish ...	Boulogne ...	Influenza ...	The 3rd mate was examined, and found to be suffering from influenza.
,, 28	s.s. "Liv" ...	Norwegian	Copenhagen	Feverish Cold ...	Two of the crew were examined, and found to be suffering from feverish cold.
,, 28	s.s. "Turid" ...	,,	Preston ...	Influenza ...	The 2nd engineer was examined, and found to be suffering from influenza.
,, 30	s.s. "Alexander Shukoff"	Danish ...	Dieppe ...	Lumbago ...	One of the seamen was examined, and found to be suffering from lumbago.
,, 30	s.s. "Norheim" ...	Norwegian	Stockton ...	Rheumatism ...	One of the seamen was examined, and found to be suffering from rheumatism. He was sent home for treatment.
,, 30	s.s. "Briem" ...	,,	Halmstadt...	Non-infectious ...	One of the firemen was examined, and found to be suffering from a non-infectious complaint.
Dec. 1	s.s. "Ebro" ...	Danish ...	Lisbon ...	Disordered Stomach	One of the firemen was examined, and found to be suffering from a disordered stomach.
,, 1	s.s. "Rogstad" ...	Norwegian	Rouen ...	Non-infectious ...	Two of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
,, 4	sail "Victoria" ...	Swedish ...	Gothenborg	Abscess, Venereal	Two of the crew were examined, one found to be suffering from abscess, and the other from venereal.
,, 4	s.s. "Harold Klitgaard"	Danish ...	Rouen ...	Syphilis, Scabies	Two of the crew were examined, one found to be suffering from syphilis, and the other from scabies. They were sent home for treatment, and the crewspaces disinfected.
,, 6	s.s. "Pensylvania"	,,	Copenhagen	Influenza ...	One of the seamen was examined, and found to be suffering from influenza.
,, 7	s.s. "Ellida" ...	Norwegian	Rouen ...	Accident ...	One of the firemen was examined, and found to be suffering from accident. He was removed to the Jubilee Hospital, North Shields, for treatment.

TABLE II.—*Continued.*

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	REMARKS.
Dec. 7	s.s. "Havur" ...	Norwegian	Bergen ...	Gonorrhœa ...	One of the firemen was examined, and found to be suffering from gonorrhœa.
,, 12	s.s. "Salonica" ...	,, ...	Göthenborg	Non-infectious ...	Two of the seamen were examined, and found to be suffering from non-infectious complaints.
,, 12	s.s. "Danefaerd" ...	Danish ...	Honfleur ...	Venereal ...	Two of the firemen were examined, and found to be suffering from venereal.
,, 13	s.s. "Maj" ...	Norwegian	Calais ...	Influenza ...	Six of the firemen were examined, and found to be suffering from influenza. Medical treatment recommended.
,, 15	s.s. "Agnes" ...	,, ...	Rouen ...	Venereal ...	Two of the firemen were examined, and found to be suffering from venereal.
,, 16	s.s. Munificent" ...	British ...	Karrachi, Hull	Non-infectious ...	Two of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
,, 16	s.s. "Ruth" ...	Norwegian	Bergen ...	Non-infectious ...	Two of the firemen were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
,, 18	s.s. "Claudius Aulagnon" ...	Russian ...	Archangel ...	Non-infectious ...	Four of the crew were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
,, 18	s.s. "Nadejda" ...	,, ...	Archangel ...	Rheumatism ...	Two of the seamen were examined, and found to be suffering from rheumatism.
,, 18	s.s. "Navigator" ...	Norwegian	Rouen ...	Syphilis ...	One of the firemen was examined, and found to be suffering from syphilis. He was sent home for treatment.
,, 19	s.s. "Lisbeth" ...	,, ...	Bergen ...	Non-infectious ...	Two of the seamen were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.
,, 21	s.s. "Sacaven" ...	Portuguese	Lisbon ...	Feverish Cold ...	Two of the seamen were examined, and found to be suffering from feverish cold.
,, 21	s.s. "Colaba" ...	British ...	Calcutta, via M'boro.	Non-infectious ...	Six of the Asiatic seamen were examined, and found to be suffering from non-infectious complaints. Medical treatment recommended.



TABLE II.—*Continued.*

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	REMARKS.
Dec. 21	s.s. "Fagertun" ...	Norwegian	Skein ...	Blood Poisoning	One of the seamen was examined, and found to be suffering from blood poisoning. He was removed to the Ingham Infirmary for operation.
,, 22	s.s. "Skard" ...	,, ...	Bergen ...	Venereal, Feverish Cold	Three of the seamen were examined, and one found to be suffering from venereal, the other two from feverish colds.
,, 22	s.s. "Arno" ...	Danish ...	Lisbon ...	Disordered Stomach	One of the seamen was examined, and found to be suffering from disordered stomach.
,, 22	s.s. "Rhone" ...	,, ...	Lisbon ...	Accident ...	One of the seamen was examined, and found to be recovering from an injury.
,, 23	s.s. "Polcirkel" ...	Swedish ...	Narvik ...	Rheumatism ...	The steward was examined, and found to be suffering from rheumatism.
,, 27	s.s. "Bogstad" ...	Norwegian	St. Nazaire	Venereal ...	One of the crew was examined, and found to be suffering from venereal.
,, 28	s.s. "Egda" ...	,, ..	Bergen ...	Indigestion ...	The cook was examined, and found to be suffering from indigestion.
,, 30	s.s. "O. A. Brodin" ...	Swedish ...	London ...	Abscess ...	The steward was examined, and found to be suffering from abscess.

## GENERAL SICKNESS ON BOARD

The subjoined Table gives a return of cases of Sickness\* reported by Masters  
notice of the Tyne Port Officials

DATE. 1916.	Smallpox or Suspected Smallpox.	Scarlet Fever.	Malarial Fever.	Beri Beri.	Enteric or Typhoid Fever.	Diarrhoea or Choleraic Diarrhoea.	Measles.	Diphtheria.	Dysentery.	Septic Throat.	Heart Disease.	Consumption.	Rheumatism.	Influenza.	Rupture.	Cramp.	Appendicitis.
January	...	<sup>oo</sup> 2	3	...	...	8	<sup>o</sup> 1	...	...	...	<sup>xx</sup> 2	...	10	2	2	1	...
February	...	...	...	...	<sup>ooo</sup> 4	3	...	...	1	...	<sup>x</sup> 2	2	5	2	...	...	...
March ...	...	...	...	...	<sup>o</sup> 2	6	...	...	...	2	1	...	7	2	...	...	...
April ...	...	...	...	...	1	...	<sup>oo</sup> 2	...	...	...	...	...	12	2	1	...	...
May ..	1	...	2	...	...	...	<sup>o</sup> 1	<sup>o</sup> 1	1	2	...	...	8	1	...	...	...
June ...	...	...	2	...	1	...	<sup>oo</sup> 2	...	...	...	1	2	2	1	...	...	2
July ...	...	...	1	...	...	1	<sup>ooo</sup> 3	...	...	...	...	...	3	...	1	...	...
August ...	...	...	...	1	<sup>x</sup> 1	30	...	2	2	...	1	3	5	1	...	..	1
September	...	...	1	...	<sup>ooo</sup> 5	54	...	...	4	1	...	...	7	1	1	...	2
October	...	...	1	...	...	6	...	<sup>o</sup> 1	...	1	<sup>x</sup> 1	...	6	2	1	2	1
November	...	...	3	...	...	...	<sup>o</sup> 1	...	...	1	1	...	4	4	2	...	1
December	...	...	2	...	3	...	...	...	...	1	...	2	5	5	1	...	...
TOTALS	1	2	15	1	17	108	10	4	8	8	9	9	74	23	9	3	7

\* The names of the Diseases during voyage are given as reported by the Masters of the Vessels.



## VESSELS ARRIVING IN TYNE PORTS.

of Vessels as having occurred during the Voyage, or coming under the  
in each month of the year 1916.

Paralysis.	Bronchitis.	Pleurisy.	Pneumonia.	Tonsilitis.	Blood Poisoning.	Catarrh.	Skin Diseases.	Lumbago.	Kidney Complaints.	Syphilis.	Abscesses.	Disordered Stomach.	Boils.	Cold.	Venereal.	Accidents.	Scabies.	Mumps.	Undefined.	TOTALS.
...	7	1	...	...	...	1	4	...	...	1	2	3	...	32	22	xxxxx 24	2	...	8	138
...	...	1	...	3	...	1	1	...	...	...	...	1	1	24	32	x 20	...	...	o 5	108
...	1	...	o 4	...	...	...	2	...	4	1	1	2	2	19	13	x 20	...	1	16	106
1	2	...	...	...	1	...	4	...	1	...	2	1	2	13	19	x 17	2	oo 2	10	95
1	1	...	x 4	...	2	...	7	1	...	1	...	6	1	21	27	20	2	ooo 3	18	132
...	1	1	1	1	...	1	5	1	...	...	1	5	...	11	21	9	3	...	12	86
...	2	1	...	...	...	...	5	1	...	2	3	x 5	...	6	14	xxx 17	...	...	14	79
...	2	...	...	...	2	...	...	1	3	1	...	2	1	5	10	x 5	2	...	x 16	97
1	8	...	1	...	1	5	6	...	...	...	...	1	2	6	10	x 14	1	..	19	151
...	1	1	x 1	...	1	...	4	...	1	3	1	xx 7	3	10	15	x 11	...	...	24	105
...	2	...	...	...	1	...	4	...	4	...	...	4	2	11	31	xx 22	...	...	19	117
...	1	1	x 1	...	...	...	...	1	1	4	...	2	...	18	20	xxx 18	...	...	20	106
3	28	6	12	4	8	8	42	5	14	13	10	39	14	176	234	197	12	6	181	1320

o Removed to Tyne Floating Hospital.

x Deaths.

### Vessels arriving from Infected or Suspected Ports.\*

The following return shows the number of Vessels boarded in this Port by the Officers of the Port Sanitary Authority, on account of coming directly or otherwise from Foreign Ports infected, or suspected to be infected, with Cholera, Yellow Fever, Plague, or Smallpox :—

MONTHS.	From Infected Ports.		From Suspected Ports.		TOTALS.
	Direct to the Tyne.	To the Tyne Indirectly.	Direct to the Tyne.	To the Tyne Indirectly.	
1916.	No. of Vessels.	No. of Vessels.	No. of Vessels.	No. of Vessels.	
January ... ..	7	15	9	13	44
February ... ..	—	18	9	11	38
March .. ...	1	14	3	9	27
April ... ..	—	10	8	9	27
May ... ..	—	16	8	16	40
June ... ..	—	13	7	12	32
July ... ..	1	5	8	11	25
August ... ..	—	7	13	9	29
September ... ..	—	6	6	6	18
October ... ..	—	9	6	8	23
November ... ..	1	9	2	8	20
December ... ..	1	15	8	7	31
Total ... ..	11	137	87	119	354

\* See opposite page.



Vessels arriving in the Tyne from infected ports were boarded by the Officers of the Tyne Port Sanitary Authority, as under:—

NAME OF PORTS.	Direct to the Tyne.	To the Tyne Indirectly.	NAME OF PORTS.	Direct to the Tyne.	To the Tyne Indirectly.
Alexandria ... §	—	9	<i>Brought Forward</i> ...	4	112
Akyab ... ‡§	—	1	Port Said ... §	2	1
Bermuda ... §	—	9	Rangoon ... ‡§	—	3
Bahia ... *§	1	3	Rio de Janeiro §	2	8
Buenos Ayres ... §	2	22	Santos ... §	3	6
Bombay ... ‡§	—	26	Singapore ... §	—	3
Calcutta ... ‡§	—	20	Saigon ... §	—	2
Hong Kong ... §	—	2	Vladivostock ‡§	—	2
Java ... ... ‡	—	1			
Karrachi ... ‡§	1	15			
Manilla ... ... ‡	—	2			
Madras ... ‡§	—	2			
<i>Carried Forward</i> ...	4	112	Total ...	11	137

§ Plague.

‡ Cholera.

\* Yellow Fever.

## SMALLPOX AND SUSPECTED SMALLPOX.

Date.	Name of Vessel.	From.	On Voyage	On or after Arrival.	Remarks.	Notes on Arrival in Tyne.
1916. May 6	s.s. "Barnton"	Gambia R., Dunkirk	—	1	Removed to Whiteleas Hospital	Vessel disinfected here.
				1		

## SCARLET FEVER.

1916. Jan. 19	s.s. "Rollesby"	Leith	—	1	Removed to Floating Hospital.	Vessel disinfected here.
" 31	H.M.S. "Birmingham"	Sea	—	1	Removed to Floating Hospital.	Vessel disinfected here.
				2		

## ENTERIC OR TYPHOID FEVER.

1916. Feb. 10	s.s. "Vind"	Gothenborg, Blyth	1	—	Left at Blyth.	Vessel disinfected there.
" 12	s.s. "Karla"	Gandia, London	—	1	Removed to Floating Hospital.	Vessel disinfected here.
" 20	s.s. "Arno"	Taragona, Lisbon	—	2	Removed to Floating Hospital.	Vessel disinfected here.
" 24	s.s. "Louisiana"	Copenhagen	—	1	Removed to Floating Hospital.	Vessel disinfected here.
Mar. 4	s.s. "Nordcap"	Iquique	—	1	Removed to Floating Hospital.	Vessel disinfected here.
" 13	s.s. "Portia"	Bilbao, Middlesbro'	1	—	Left at Middlesbro'.	Vessel disinfected there.
" 30	s.s. "Rakiura"	Korsoer	—	1	Removed to Floating Hospital.	Vessel disinfected here.
Apr. 14	s.s. "Enidwen"	New Orleans, London	1	—	Left at London	Vessel disinfected there.
June 16	s.s. "Lydil"	Bombay, Dunkirk	1	—	Left at Bombay	Vessel disinfected there.
Aug. 9	s.s. "Strombus"	Rangoon, London	1	—	Died at Suez	Vessel disinfected there.
Sept. 22	s.s. "Whateley Hall"	Naples, Port Briera	—	2	Removed to Floating Hospital.	Vessel disinfected here.
" 26	s.s. "Fede"	Middlesbro'	—	1	Removed to Floating Hospital.	Vessel disinfected here.
" 28	s.s. "Zanoni"	Bizerta, Montreal	2	—	Left at Montreal	Vessel disinfected there.
Dec. 6	s.s. "Aleppo"	Karachi, M'boro, Hull	1	—	Left at Port Said.	Vessel disinfected there.
" 7	s.s. "Rikard Nordraak"	Rouen	1	—	Left at Rouen	Vessel disinfected there.
" 16	s.s. "Pembrokeshire"	Vladivostock, Hull	1	—	Left at Shanghai	Vessel disinfected there.
			10	9		



## DIPHTHERIA.

Date.	Name of Vessel.	From.	On Voyage.	On or after Arrival.	Remarks.	Notes on arrival in Tyne.
1916.						
May 24 ...	s.s. "Pytheas" ...	Hull ...	—	1	Removed to Floating Hospital.	Vessel disinfected here.
Aug. 23 ...	s.s. "Hindoo" ..	New York, Middlesbro'	1	—	Left at Portland	Vessel disinfected there.
,, 29 ...	s.s. "Sten" ...	Skein, Grimsby	1	—	Left at Grimsby	Vessel disinfected there.
Oct. 21 ...	s.s. "Amicitia" ...	Rouen ...	—	1	Removed to Floating Hospital.	Vessel disinfected here.
			2	2		

## MALARIAL FEVER.

Date.	Name of Vessel.	From.	No. of Cases.	
			On Voyage.	On or after Arrival.
1916.				
Jan. 12 ...	s.s. "Holland" ...	Huelva, Rouen ...	1	—
,, 17 ...	s.s. "Cluden" ...	Newport News ...	1	—
,, 27 ...	s.s. "Baus" ...	St. Malo ...	1	—
May 6 ...	s.s. "Barnton" ...	Gambia R., Dunkirk ...	2	—
June 12 ...	s.s. "Housatonic" ...	Savona, Algiers... ..	—	1
,, 23 ...	s.s. "Winnebago" ...	Scalpa Flow ...	1	—
July 18 ...	s.s. "King Malcolm" ...	Calcutta, Portland Oregon ...	1	—
Sept. 4 ...	s.s. "Marion Dawson" ...	Bilbao ... ..	1	—
Oct. 23 ...	s.s. "Magdala" ...	Java, Genoa ... ..	1	—
Nov. 30 ...	s.s. "Keyingham" ...	Karachi, Hull, Middlesbro' ...	3	—
Dec. 15 ...	s.s. "Berbera" ...	Bombay, London, Middlesbro' ...	1	—
,, 21 ...	s.s. "Octo" ...	Burota, Hull ... ..	1	—
			14	1

## BERI-BERI.

1916.				
Aug. 24 ...	s.s. "Vestfold" ...	Trapani, Haugesund ...	1	—
			1	—

## DYSENTERY.

Date		Name of Vessel.		From.		No. of Cases.		
						On Voyage.	On or after Arrival.	
1916.								
Feb.	7	...	s.s. " Ethelwolf "	...	New York	...	1	—
May	22	...	s.s. " Sunik "	...	Borneo, Portishead	...	1	—
Aug.	8	...	s.s. " Cimbrier "	..	Carthagene, Middlesbro'	...	1	—
"	28	...	s.s. " Gudbrand "	...	Rouen	...	—	1
Sept.	13	...	s.s. " Warley Pickering "	...	Bombay, Genoa, Hull	...	1	—
"	18	...	s.s. " Mirjam "	...	La Pallice	...	—	2
"	25	...	s.s. " Trym "	..	La Rochelle, Burntisland	..	1	—
							5	3

## DIARRHŒA, CHOLERAIC DIARRHŒA AND SUSPICIOUS CASES.

1916.				
Jan. 11 ...	s.s. "Hestmanden" ...	Rouen ...	6	—
" 26 ...	s.s. "Andoni" ...	Las Palmas, Hull ...	1	—
" 27 ...	s.s. "Sydland" ...	Narvik, Middlesbro' ...	1	—
Feb. 12 ...	s.s. "Kankakee" ...	Port Brieria ...	—	1
" 18 ...	s.s. "Forto" ...	Rouen ...	—	1
" 21 ...	s.s. "Progresso" ...	New York, Copenhagen ...	—	1
Mar. 1 ...	s.s. "Oresund" ...	Bergen ...	—	3
" 13 ...	s.s. "Portia" ...	Bilbao, Middlesbro' ...	2	—
" 20 ...	s.s. "Aziri" ...	Pomoron, Hull ...	—	1
July 27 ...	s.s. "Skjold" ...	Sfax, London ...	1	—
Aug. 4 ...	s.s. "Algarve" ...	Madeira, Lisbon ...	—	1
" 8 ...	s.s. "Hampshire Coast" ...	Dunkirk ...	—	1
" 14 ...	s.s. "Hero" ...	Göteborg, Rouen ...	5	—
" 22 ...	s.s. "Zurbaran" ...	Rocheforte ...	20	—
" 29 ...	s.s. "Tananger" ...	Dnnkirk ...	—	1
" 30 ...	s.s. "Bruno" ...	Christiania, London ...	—	2
Sept. 1 ...	s.s. "Torbjorn" ...	Sundsvall, West Hartlepool ...	—	1
" 1 ...	s.s. "Borgholm" ...	Drammen, Rouen ...	18	—
" 4 ...	s.s. "Bolette" ...	Rouen ...	5	—
" 6 ...	s.s. "Baltique" ...	Skein, Rouen ...	—	1
" 12 ...	s.s. "Tholma" ...	Philadelphia, Havre ...	1	—
" 12 ...	s.s. "Mercia" ...	Boulogne ...	—	1
" 15 ...	s.l. "Ibis" ...	Dieppe ...	3	—
" 15 ...	s.s. "Garm" ...	Rouen ...	2	—
" 16 ...	s.s. "Mode" ...	Rouen ..	1	—
" 18 ...	s.s. "Mirjam" ...	La Pallice ...	10	—
" 19 ...	s.s. "Drammenseren" ...	La Pallice ...	—	1
" 20 ...	s.s. "Clansman" ...	Dunkirk ...	1	—
" 25 ...	s.s. "Trefusis" ...	Trouville ...	2	—
" 26 ...	s.s. "Balzac" ...	Christiania, Rouen ...	2	—
" 26 ...	s.s. "Harold" ...	Rouen ...	—	3
" 27 ...	s.s. "Mercia" ...	Boulogne ...	—	2
Oct. 10 ...	s.s. "St. Sunniva" ...	Bilbao, Middlesbro' ...	—	1
" 23 ...	s.s. "Aagot" ...	Dieppe ...	—	1
" 23 ...	s.s. "Reime" ...	Bilbao ...	4	—
			85	23



## MEASLES.

Date		Name of Vessel.		From.				No. of Cases.		
								On Voyage.	On or after Arrival.	
1916.										
Jan.	29	...	...	H.M.S. "Malaya "	...	Sea	...	...	—	1
Feb.	10	...	...	H.M.S. "Malaya "	...	Sea	...	...	—	1
April	4	...	...	H.M.S. "Vanguard "	...	Sea	...	...	—	1
"	20	..	...	s.s. "Dorte Jensen "	...	Havre	...	...	—	1
May	5	...	...	s.s. "Vega "	...	Bergen	...	...	—	1
June	1	...	...	s.s. "Carolvore "	...	Glasgow	.	...	—	1
"	14	...	...	H.M.S. "Marlborough "	...	Sea	...	...	—	1
July	21	...	...	H.M.S. "Marlborough "	...	Sea	...	...	—	1
"	25	...	...	H.M.S. "Marlborough "	...	Sea	...	...	—	2
Nov.	19	...	...	H.M.S. "Bellerophon "	...	Sea	...	...	—	1
									—	11

## Regulations as to Food Act, 1908.

Inspector Russell has regularly inspected the cargoes of vessels arriving in the Tyne and Albert Edward Docks, and at the Dunston Co-operative Flour Mills.

## Tyne Dock.

The foodstuffs imported into this Dock during the year by steamers from the United States, Canada, Argentine, Australia, Norway and Sweden have been inspected:—Grain, 35,722 tons; were found in good condition.

## Unsound Food.

No consignments of unsound food have been detained by H.M. Customs during the year.

## Albert Edward Dock.

Cargoes consisting of Cereals and Foodstuffs at this Dock have been examined under Government Control.

## Dunston Flour Mills.

Wheat cargoes consisting of 45,359 tons were inspected at the wharf of the above Mills from Canadian, American, Indian and Argentine ports. They were found in good condition.

## Mill Dam Wharf, South Shields.

Twenty cargoes of Potatoes from Scotland were inspected and were found in good condition.

## Fish Quay, North Shields.

Vessels arriving with White Fish and Herrings have been inspected occasionally at the Fish Quay. The fish landed from the boats were found to be of good quality.

## Special Cargoes Inspected.

Among the digerent cargoes examined by the Inspectors were the undermentioned:—

Description.	Onions	Wheat.	Foreign and British Fish.	Potatoes.	Fruit.	Total.
Number of Consignments examined ...	4	33	12	21	27	97

## Emigrants.

The Emigrant vessels coming to the Tyne have been visited by the Medical Officer and Inspectors on arrival, and kept under supervision whilst in Port.

Information as to Emigrants debarking here and proceeding overland to other British ports, continues to be forwarded to the Medical Officers of Health of the respective Ports.

179 Emigrants have passed through the Port during 1916, en route to America via Liverpool, Southampton, Bristol, and Glasgow. All were found well before leaving this Port.

## General Sanitary Work.

The following is the report of inspections made and other work done by Inspector Russell and his assistants, durin g1916.

No. of vessels arriving from Foreign ...	2,498	No. inspected...	2,353
„ „ „ Home Trade...	2,984	„ „ ...	2,641
„ „ „ Coastwise ...	5,637	„ „ ...	2,349
	<u>11,119</u>		<u>7,343</u>

British Steamers ...	2,543
„ Sailing Vessels ...	42
„ Fishing „ ...	12
Foreign Steamers ...	4,527
„ Sailing Vessels ...	219
<b>Total ...</b>	<b><u>7,343</u></b>

Visits to Water Boats ...	18
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The Nationalities of the Vessels were as follows:—

British ...	2,597
Norwegian ...	2,401
Swedish ...	552
Danish ...	1,008
Spanish ...	133
French ...	103
Russian ...	42
Greek ...	75
Dutch ...	346
Italian ...	29
Belgian ...	38
American ...	15
Roumanian ...	1
Portuguese ...	3
<b>Total ...</b>	<b><u>7,343</u></b>



Of the above Vessels, the Sanitary condition was as follows :—

Good ...	...	...	...	...	...	...	...	...	6,505
Structural defects	...	...	...	...	...	...	...	...	409
Dirty condition	...	...	...	...	...	...	...	...	429
Total	...	...	...	...	...	...	...	...	<u>7,343</u>

The Number of Vessels inspected during each year for the last 10 years has been as follows :—

1906	...	...	...	...	8,433
1907	...	...	...	...	9,905
1908	...	...	...	...	10,603
1909	...	...	...	...	10,270
1910	...	...	...	...	9,387
1911	...	...	...	...	9,614
1912	...	...	...	...	9,335
1913	...	...	...	...	11,139
1914	...	...	...	...	9,507
1915	...	...	...	...	10,012

The structural defects of Vessels observed include the following :—

	Cases.
Insufficient Ventilation ..	15
Water Tanks to clean ...	21
Paints to remove from Bow Locker	4
Defective Lighting ...	9
Defective Water Closets	44
Forecastle Deck Leaking	55
Side Scuttles to re-fit ...	198
Forecastle Flooring Defective	4
Defective Drainage	9
.. Bulkhead	6
.. Stoves	34
, Chain Casing ..	10
Total	<u>409</u>

The peaks, forecastles, water closets, and bilges of the vessels specified under were found in dirty condition. The orders given to cleanse same were fully complied with.

British Steamers	...	...	...	...	...	...	194
„ Sailing Vessels	...	...	...	...	...	...	3
„ Fishing Vessels	...	...	...	...	...	...	—
Foreign Steamers	...	...	...	...	...	...	209
„ Sailing Vessels	...	...	...	...	...	...	23
Total	...	...	...	...	...	...	<u>429</u>

Total number of crews of vessels visited by the Inspectors	...	...	140,656
„ „ passengers „ „ „ „	...	...	17,062
„ „ emigrants arriving in the Tyne	...	...	179
Total	...	...	<u>157,897</u>

In addition to the daily routine inspection of the sanitation of vessels, several special visits have to be made to many vessels on reports on sickness, and in some cases extensive precautions are required in dealing with actual cases of infectious diseases.

664 revisits have been made by our Inspectors during the year, in order to have the above defects remedied to our satisfaction on written or verbal notice.

### Water-Boats and Water Supply to Ships in Port.

The water-boats, 18 in number, have been examined as usual, and the tanks found in good condition.

In 21 cases the *drinking water* of ships, which came from Ports infected or suspected to be infected, with cholera, has been changed, and the purification of the tanks has been seen to by the Inspector, acting under the direction of the Medical Officer of Health.

### Advice as to Sickness.

on shipboard, and other matters, continue to be received from and forwarded to the Health Departments of other British Port Sanitary Authorities.

### Clothing and Bedding.

11 vessels and several lots of clothing or bedding have been **disinfected**. 43 old beds have been burnt, and 2 lots of filthy clothing have been destroyed, on account of infection.

### Passenger Steamers.

The Passenger Steamers arriving continue to be regularly visited and examined.

### Smoke Nuisance.

The Inspector reports that it has not been necessary to take any action against Masters of Steamers for the evolution of dense smoke during 1916.

### Fishing Boats.

The total arrival of fishing vessels at the Quay, North Shields, steam and sailing, is 4,390\* 2,015 Trawlers and 2,375 Herring Boats, as compared with a total of 3,370 in the previous year, 10 of these, in a foul condition, were cleansed and deodarized on notice from the Inspector. The rest were in good order.

\* From a return courteously furnished by Mr. Thos. MacKenzie, Quay Master, North Shields.

### Regulations.

Copies of Regulations issued have, as usual, been posted on all ferry landings, and delivered on board of vessels in the Port.



## Cholera and Plague.

No cases of Cholera occurred in the Port during the year 1916. One vessel has been fumigated on account of coming from a plague-infected port, and 96 dead rats were found after the fumigation and cremated.



## Launches.

The Steam Ambulance Launch "George C. Coates" has done good work in the inspection and disinfection of vessels during the year, and the removal of patients from ships to hospital.

The motor boat "R.S.II." broke down in August, and has not been used since. Arrangements are being made by the Authority to purchase a new boat.

## H.M. Customs.

I wish to record our thanks for the valuable and willing assistance given by H.M. Collector of Customs and his staff, which has been greatly appreciated by all the Officials of the Port Sanitary Authority.

H.M.S. "Satellite,"

*January, 1917.*

W. EDMUND HARKER, M.D., D.Hy.,

Medical Officer.

